



\*\*FILE\*\*ID\*\*LIBCVTTPZ

15

(2) 50 HISTORY : Detailed Current Edit History  
(3) 58 DECLARATIONS  
(4) 88 LIB\$AB\_CVTTP\_Z

0000 1 .TITLE LIBSAB\_CVTTP\_Z Zoned to Packed Translation Table  
0000 2 .IDENT /1-0027 ; File: LIBCVTTPZ.MAR EDIT: RKR1002  
0000 3  
0000 4 :\*\*\*\*\*  
0000 5 \*  
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0000 23  
0000 24  
0000 25  
0000 26 :\*\*\*\*\*  
0000 27  
0000 28  
0000 29 FACILITY: LIBRARY SUPPORT  
0000 30 ++  
0000 31 ABSTRACT:  
0000 32 This module contains the translation table for zoned to packed  
0000 33 conversion using the CVTTP instruction.  
0000 34  
0000 35  
0000 36 --  
0000 37  
0000 38 VERSION: 1  
0000 39  
0000 40 HISTORY:  
0000 41  
0000 42 AUTHOR:  
0000 43 R. Reichert, 19-Feb-1980  
0000 44  
0000 45 MODIFIED BY:  
0000 46  
0000 47  
0000 48

LIB\$AB\_CVTPP\_Z  
1-002

Zoned to Packed Translation Table L 5  
HISTORY ; Detailed Current Edit History 15-SEP-1984 23:54:11 VAX/VMS Macro V04-00  
6-SEP-1984 11:05:07 [LIBRTL.SRC]LIBCVTPPZ.MAR;1 Page 2 (2)

0000 50 .SBTTL HISTORY ; Detailed Current Edit History  
0000 51  
0000 52  
0000 53 ; Edit History for Version 1 of LIBCVTPPZ  
0000 54  
0000 55 ; 1-001 - Original. RKR 19-Feb-1980  
0000 56 ; 1-002 - Modified copyright date to reflect 1981 release. RKR 6-JAN-81

0000 58 .SBTTL DECLARATIONS  
0000 59  
0000 60 :  
0000 61 : INCLUDE FILES:  
0000 62 :  
0000 63 :  
0000 64 :  
0000 65 : EXTERNAL SYMBOLS:  
0000 66 : NONE  
0000 67 :  
0000 68 :  
0000 69 :  
0000 70 : MACROS:  
0000 71 : NONE  
0000 72 :  
0000 73 :  
0000 74 :  
0000 75 : PSECT DECLARATIONS:  
0000 76 : .PSECT \_LIB\$CODE PIC, SHR, LONG, EXE, NOWRT  
0000 77 :  
0000 78 :  
0000 79 : EQUATED SYMBOLS:  
0000 80 : NONE  
0000 81 :  
0000 82 :  
0000 83 :  
0000 84 : OWN STORAGE:  
0000 85 : NONE  
0000 86 :

.SBTTL LIB\$AB\_CVTP\_Z

#### **FUNCTIONAL DESCRIPTION:**

This is the zoned to packed translation table.

It is used in conjunction with a CVTTP machine instruction to convert zoned numeric data items to packed decimal data type. Given the binary representation for the highest addressed byte (that is, the least significant digit and sign) of a data item in the zoned numeric data type, the table gives the hex representation of the highest addressed byte in the packed decimal form of the data item.

LIB\$AB\_CVTTP\_Z::

i Hex

LIB\$AB\_CVTPP\_Z  
Symbol-table

Zoned to Packed Translation Table

B 6

15-SEP-1984 23:54:11 VAX/VMS Macro V04-00  
6-SEP-1984 11:05:07 [LIBRTL.SRC]LIBCVTPPZ.MAR;1 Page 5 (4)

LIB\$AB\_CVTPP\_Z 00000000 RG 01

+-----+  
! Psect synopsis !  
+-----+

PSECT name

. ABS  
\_LIB\$CODE

Allocation

PSECT No.

Attributes

	00000000 ( 0.)	00 ( 0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
	00000100 ( 256.)	01 ( 1.)	PIC	USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG

+-----+  
! Performance indicators !  
+-----+

Phase

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.06	00:00:01.69
Command processing	114	00:00:00.30	00:00:04.27
Pass 1	66	00:00:00.49	00:00:04.00
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	40	00:00:00.21	00:00:01.73
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	2	00:00:00.00	00:00:00.11
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	254	00:00:01.08	00:00:11.82

The working set limit was 900 pages.

2671 bytes (6 pages) of virtual memory were used to buffer the intermediate code.

There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.

138 source lines were read in Pass 1, producing 8 object records in Pass 2.

0 pages of virtual memory were used to define 0 macros.

+-----+  
! Macro library statistics !  
+-----+

Macro library name

\_S255\$DUA28:[SYSLIB]STARLET.MLB:2

Macros defined

0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:LIBCVTPPZ/OBJ=OBJ\$:LIBCVTPPZ MSRC\$:LIBCVTPPZ/UPDATE=(ENH\$:LIBCVTPPZ)

0205 AH-BT13A-SE  
VAX/VMS V4.0

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